

CANCELLED
DEC 22 2004
PATENT & TRADEMARK OFFICE

DEC 22 2004
PATENT & TRADEMARK OFFICE

Certificate of Mailing By "U.S. Certified Mail" Under 37 C.F.R. 1.8
EXPRESS MAIL" Mailing Label Number: EV 486427298 US Date of Deposit: 12/20/04
I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "CERTIFIED MAIL POST OFFICE
TO ADDRESSEE" service under 37 C.F.R. 1.8 on the date indicated above and is addressed to the Commissioner For Patents,
Alexandria, VA 22313-1450.
Name: Chris Vo
12/20/04
Signature Date
Chris Vo
Signature

The Commissioner for Patents
United States Patent and Trademark Office
P. O. Box 1450
Alexandria, VA 22313-1450
MAIL STOP: AMENDMENT

Re: U.S. Utility Patent Application
Appl. No. 10/646,682; Filed 8/22/2003
For: **Integrated Biosensor and Simulation System for Diagnosis and Therapy**
Inventor(s): **Fernandez, Dennis S.**
Docket No.: **FERN-P013**

Sir:

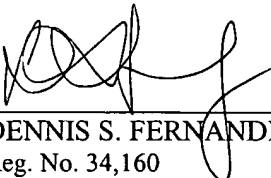
The following documents are forwarded herewith for action by the U.S. Patent and Trademark Office:

1. Information Disclosure Statement;
2. Form PTO/SB/08A with 2 cited U.S Patent Document(s) and 7 PTO documents.
3. Form PTO/SB/08B with 0 reference(s); and
4. A return post card.

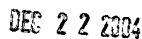
It is respectfully requested that the attached postcard be stamped with the receipt date of the above documents and returned to the addressee as soon as possible.

Respectfully submitted,

12/20/04
Date


DENNIS S. FERNANDEZ, ESQ
Reg. No. 34,160

CUSTOMER NO: 22877
FERNANDEZ & ASSOCIATES, LLP
PATENT ATTORNEYS
PO BOX D
MENLO PARK, CA 94025-6204
(650) 325-4999
(650) 325-1203 FAX
EMAIL: iploft@iploft.com



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|---------------------|
| Application Number | 10/646,682 |
| Filing Date | 8/22/2003 |
| First Named Inventor | Dennis S. Fernandez |
| Art Unit | 3736 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | FERN-P013 |

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 3 |
|-------|---|----|---|

[illegible]

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | MM-DD-YYYY | | | |
| | 1 | WO 03/005628 A3 | 1/16/2003 | Watkins, Steven | | |
| | 2 | WO 97/09678 A1 | 3/13/1997 | Laurino, Joseph | | |
| | 3 | WO 01/78652 A3 | 10/25/2001 | Kaddurah-Daouk | | |
| | 4 | WO 02/06566 A1 | 1/24/2002 | Kooistra, et al | | |
| | 5 | WO 2003/017177 A3 | 2/27/2003 | Van Der Greef | | |
| | 6 | WO 02/09119 A1 | 1/31/2002 | Takahashi | | |

Examiner
Signature

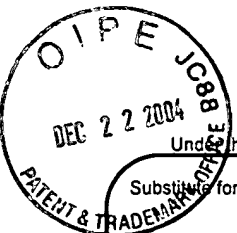
Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|---------------------|
| Application Number | 10/646,682 |
| Filing Date | 8/22/2003 |
| First Named Inventor | Dennis S. Fernandez |
| Art Unit | 3736 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | FERN-P013 |

| | | | |
|-------|---|----|---|
| Sheet | 3 | of | 3 |
|-------|---|----|---|

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.